

## Message Text

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51

ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 TRSE-00 EUR-12

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TO SECSTATE WASH DC 6617

C O N F I D E N T I A L OECD PARIS 09879

EXCON

E.O. 11652 XGDS1

TAGS: ESTC, COCOM

SUBJECT: COCOM LIST REVIEW - IL 1588 - CRYSTALLINE  
MATERIALS

REFS: A. COCOM DOC REV (74) 1588/1

B. STATE 84753

1. DISCUSSION ON APRIL 17 CENTERED ON THE US ATTITUDE TOWARD THE JAPANESE PROPOSAL TO DISMISS THE SIZE (30 MILS) CUTOFF IN 1588 BY DELETING (B)(2) WHICH HAD BEEN ACCEPTED BY ALL OTHER DELS. THE US STATED THAT ALTHOUGH THERE IS INDEED A RELATIONSHIP, AS JAPAN HAD INDICATED, BETWEEN THE SIZE AND SWITCHING SPEED OF MEMORY CORES, IT IS NOT A LINEAR RELATIONSHIP BUT RATHER VARIES WITH THE MATERIAL USED IN THE CORE. THEREFORE, IT WOULD BE UNWISE IN THE US VIEW TO DELETE THE SIZE LIMITATION BECAUSE OF THE RESULTANT AFFECT ON IL 1358 (CORE MAKING MACHINERY). DELETION OF THE SIZE LIMIT WOULD FREE PRESS DIES WHICH, ASSUMING SUBSTITUTION OF MATERIAL, COULD PRODUCE CORES WITH SWITCHING SPEEDS FASTER THAN THE 300 NANOSECOND CUTOFF WHICH THE JAPANESE PROPOSAL WOULD MAINTAIN AS THE SINGLE EMBARGO PARAMETER. IN VIEW OF THE FACT THAT THE SWITCHING SPEED CONTROL IS DEPENDENT ON CONTROL OF THE PRESS DIES, THE US COULD NOT ACCEPT THE JAPANESE PROPOSAL..

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2. JAPAN SUGGESTED A 14 MIL DIAMETER CUTOFF, BUT THE US

EXPERT NOTED THAT US CONCERNS WOULD NOT THEREBY BE RESOLVED BECAUSE WITH A SIMPLE CHANGE IN MATERIAL A 14 MIL DIE COULD PRODUCE 100 NANOSECOND CORES.

3. JAPAN THEN ASKED WHETHER THERE MIGHT BE A PARAMETRIC CHANGE IN IL 1358 (MAGNETIC MEDIA MANUFACTURING MACHINERY) AND THE US INDICATED WILLINGNESS TO STUDY CHANGE IN IL 1358. HOWEVER, JAPAN SHOULD (AND DID) TAKE NOTE THAT ALTHOUGH INTRODUCTION OF A SIZE PARAMETER MIGHT BE ACCEPT-

ABLE TO THE US, IT MIGHT ALSO CAUSE PROBLEMS BY CATCHING EQUIPMENT FOR UNEMBARGOED CORES.  
TURNER

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## Message Attributes

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